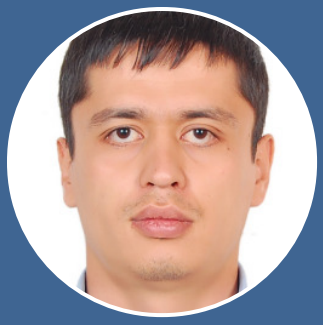

PERSONAL

Name
Alisher Berdiyev

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Date of birth
18-12-1988

Place of birth
Samarkand region, Uzbekistan

Gender
Male

Nationality
Uzbekistan

Marital status
Merried

Driving license
A,B

LinkedIn
https://www.linkedin.com/in/alisheberdiyev-91417526a/

INTERESTS

- Staying updated on the latest advancements in wireless communication, and RF systems
- Exploring emerging trends in antenna design, signal processing, next-generation telecommunications
- Passionate about curriculum innovation, modern teaching methods
- Exploring new cultures and visiting technology hubs to learn about global advancements

LANGUAGES

Russian ★★★

Uzbek ★★★★★

ALISHER BERDIYEV

Head of the department of "Teleradiobroadcasting systems" at Tashkent University of Information Technologies with over 10 years of experience in academic teaching and research management, as well as in project management.

WORK EXPERIENCE

Sep 2012 - Jul 2019

Assistant teacher of "Broadcasting technique" department

Tashkent university of information technologies, Tashkent

Assisted in delivering lectures and practical sessions for courses related to broadcasting techniques, including curriculum development and course material preparation.
Conducted laboratory sessions and supervised student projects to provide hands-on experience with broadcasting technologies.

Jan 2022 - Jul 2022

Senior teacher of "Teleradiobroadcasting systems" department

Tashkent university of information technologies, Tashkent

Design and deliver advanced courses on broadcasting techniques, antennas and propagation, and radio frequency (RF) engineering.
Supervise and guide students in their practical and laboratory work, focusing on real-time device development and signal transmission projects.
Conduct research in wireless communication and broadcasting, contributing to academic publications and presenting findings at conferences.

Sep 2022 - Present

Head of department of "Teleradiobroadcasting systems"

Tashkent university of information technologies, Tashkent

As the Head of the Department of Teleradiobroadcasting Systems at TUIT, I oversee academic programs and research in wireless communication, broadcasting techniques, antennas and propagation, and radio frequency (RF) engineering. My role involves curriculum development, ensuring that courses align with the latest industry standards and technological advancements. I lead a team of faculty members, facilitate collaboration between academia and industry, and work on enhancing both theoretical and practical components of the curriculum. Additionally, I guide students in developing real-world projects and contribute to the modernization of the department's research facilities, aiming to establish it as a center of excellence in wireless communication and broadcasting.

EDUCATION AND QUALIFICATIONS

Sep 2006 - Jul 2010

Bachelor

Broadcasting and wireless communication, Tashkent university of information technologies, Tashkent

The School of Broadcasting and Wireless Communication focuses on teaching advanced technologies and methodologies in broadcasting systems, wireless communication, and radio frequency engineering. The curriculum includes in-depth studies of broadcasting techniques, antennas and propagation, and RF engineering.

Sep 2010 - Jul 2012

Master degree

Digital television and radiobroadcasting, Tashkent university of information technologies, Tashkent

The Master's program in Digital Television and Radiobroadcasting at TUIT focuses on modern digital broadcasting technologies, media transmission systems, and the design and implementation of television and radio

networks. The program covers subjects such as signal processing, digital modulation techniques, and multimedia broadcasting, providing students with both theoretical knowledge and hands-on experience in the field of digital communication. Graduates are equipped to handle the challenges of the rapidly evolving broadcasting industry and contribute to the development of cutting-edge broadcasting systems.

Sep 2019 - Jul 2022

PhD Degree

Radio engineering, radionavigation, radiolocation and television systems. TUIT, Uzbekistan, Tashkent

The PhD program in Radio Engineering, Radionavigation, Radiolocation, and Television Systems, with a focus on Mobile and Fiber-Optic Communication Systems, at TUIT offers advanced study in the design, analysis, and implementation of modern communication and navigation systems. The program covers cutting-edge topics such as signal propagation, fiber-optic technologies, mobile communication systems, and advanced radar and television systems. Emphasizing both research and practical applications, the program equips candidates with deep expertise to innovate in telecommunications, broadcasting, and communication technologies, addressing both current industry needs and future advancements.

REFERENCES

TUIT

KOMIL TASHEV
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SKILLS

- **MATLAB, Simulink** ★★☆☆☆
- **Curriculum development and educational planning** ★★★☆☆
- **Laboratory work design of subjects** ★★★☆☆
- **Leadership and team management** ★★★★☆

ACHIEVEMENTS

1. Awarded the prestigious Presidential Scholarship in the field of Natural Sciences, Information Technologies, and Management among PhD students in Uzbekistan. The scholarship was awarded by the decision of the Ministry of Higher and Secondary Special Education on January 22, 2021.
2. In May 2021, awarded the Badge of Dedicated Employee of Industry Enterprises by the Minister of Digital Technologies of Uzbekistan.

PUBLICATIONS

1. A. A. Berdiyev, V. A. Gubenko, U. K. Aripova and M. E. Alimuhammedova, "Comprehensive Study on the Design and Optimization of Log-Periodic Antennas for Ultra-High Frequency Telecommunication Systems," *2024 IEEE 25th International Conference of Young Professionals in Electron Devices and Materials (EDM)*, Altai, Russian Federation, 2024, pp. 2370-2375, doi: 10.1109/EDM61683.2024.10615083.
2. A. A. Berdiyev, B. N. Rakhimov, and S. K. Kengesbayev, "Development of Optoelectronic Control Measurement System Based on Attenuated Total Reflectance Effect," *2024 IEEE 25th International Conference of Young Professionals in Electron Devices and Materials (EDM)*, Altai, Russian Federation, 2024, pp. 2640-2643, doi: 10.1109/EDM61683.2024.10614974.

3. Berdiyev A.A., Raximov B.N., and Khudayberganov J.D., "Implementation of adaptive noise reduction filters based on Matlab", East European Scientific Journal #04(101), pp. 17-26, 2024, DOI: 10.31618/ESSA.2782-1994.2024.1.101.4671
4. Berdiev, A.A., Rakhimov, N.R., Mukhametshin, V.S., Rakhimov, B.N., Kobishcha, D.I. "Development of WIPO-based experimental model of radio monitoring of earth soil." *Journal of Physics: Conference Series*, 2022, 2176(1), 012021.
5. A. Berdiyev, T. Raximov, O. Mirsagdiyev and S. Begmatov, "Development of A Model of Multifunctional Earth Soil Pre-Destruction System," *2020 International Conference on Information Science and Communications Technologies (ICISCT)*, Tashkent, Uzbekistan, 2020, pp. 1-5, doi: 10.1109/ICISCT50599.2020.9351437.
6. A. A. Berdiyev, B. N. Rakhimov, D. B. Ibragimov and G. E. Zoxidova, "Forecasting Dynamic and Statistical Properties of Underground Pipelines Under Conditions of “Safe City”," *2018 XIV International Scientific- Technical Conference on Actual Problems of Electronics Instrument Engineering (APEIE)*, Novosibirsk, Russia, 2018, pp. 206-209, doi: 10.1109/APEIE.2018.8545963.
7. A. A. Berdiyev, N. R. Rakhimov and B. N. Rakhimov, "Locate Objects Mechanical Damage Based on Fiber-Optic Communication Systems," *2018 XIV International Scientific- Technical Conference on Actual Problems of Electronics Instrument Engineering (APEIE)*, Novosibirsk, Russia, 2018, pp. 210-214, doi: 10.1109/APEIE.2018.8545275.

COURSES

Sep 2014 - Dec 2014
Next Generation Broadcasting Technique, Digital TV
Seoul National University of Science and Technology

Oct 2019 - Oct 2019
Student workshop of INTRAS project
Alpen-Adria University Klagenfurt

Jul 2024 - Jul 2024
Seminar on BlockChain and Information Security for Developing Countries
Wuhan Research Institute of Posts and Telecommunications (WRI)